



PUMP

The GRUNDFOS UPS circulator pumps are designed for water circulation in heating, hot water, cooling or air conditioning systems where the duty requires high water volumes at low pressures. Three standard models are available, but options include single or two head units and alternative specifications for cold water and very low pressure installations. A particular feature of the pump design is that the motors have three speed settings so it is possible to select the ideal flow to meet the system requirements.

Pump construction is AISI304 stainless steel for the impeller and bearing plate, cast iron for the pump housing and diecast aluminium for the rotor housing.

MOTOR

The integral 2-pole asynchronous squirrel-cage motor is designed to operate at three speeds. Motors should be connected to mains supply through an MCB and suitably sized DOL starter.

Power Supply: 3 x 415 V

Speed: 2800 rpm

Enclosure Class: IP44

Insulation Class: F

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non-aggressive liquids without solids or fibres.

Fluid Temperature Range: -10°C to +120°C. Note the liquid temperature should be higher than the ambient temperature.

Maximum Ambient Temperature: 40°C

Max. Operating Pressure: 10 bar

Installation: Pumps must be installed with the pump shaft horizontal.

PUMP DATA

Model	Power (W)	Max. Current (A)	Dimensions (mm)							Weight (kg)
			DN	A	B	C	D	E	F	
UPS 40-120	460	1.0	40	135	250	220	313	150	110	19
UPS 50-120	720	1.3	50	145	280	270	307	165	125	26
UPS 65-120	1250	2.3	65	145	340	280	372	185	145	31

